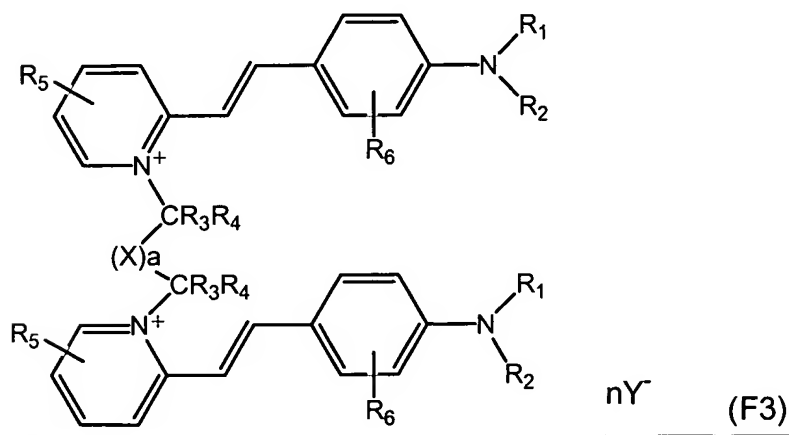
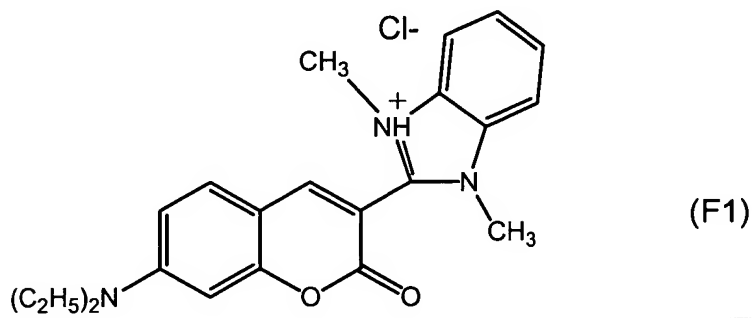


AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) A composition comprising, in a cosmetically acceptable medium,
- (i) at least one fluorescent dye that is soluble in said medium chosen from the following formulae



in which:

R_1 and R_2 , which may be identical or different, are chosen from:

- hydrogen atoms;
- linear and branched alkyl radicals comprising 1 to 10 carbon atoms.

wherein said alkyl radicals are optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;

- aryl and arylalkyl radicals, the aryl groups comprising 6 carbon atoms and the alkyl groups comprising 1 to 4 carbon atoms; the aryl groups optionally being substituted with at least one linear or branched alkyl radical comprising 1 to 4 carbon atoms and optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;
- R₁ and R₂ may optionally be linked so as to form a heterocycle with the nitrogen atom and may comprise at least one other hetero atom, the heterocycle optionally being substituted with at least one linear or branched alkyl radical, optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;
- R₁ or R₂ may optionally form a heterocycle comprising the nitrogen atom and one of the carbon atoms of the phenyl group bearing the said nitrogen atom;

R₃ and R₄, which may be identical or different, are chosen from hydrogen atoms and alkyl radicals comprising 1 to 4 carbon atoms;

R₅, which may be identical or different, is chosen from hydrogen atoms, halogen atoms, and linear and branched alkyl radicals comprising 1 to 4 carbon atoms, optionally interrupted with at least one hetero atom;

R₆, which may be identical or different, is chosen from hydrogen atoms; halogen atoms; linear and branched alkyl radicals comprising 1 to 4 carbon atoms, optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;

X is chosen from:

- linear and branched alkyl radicals comprising 1 to 14 carbon atoms and alkenyl radicals comprising 2 to 14 carbon atoms, wherein said alkyl radicals and said alkenyl radicals are optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;
- 5- or 6-membered heterocyclic radicals optionally substituted with at least one of
linear or branched alkyl radicals comprising 1 to 14 carbon atoms,
optionally substituted with at least one hetero atom;
linear or branched aminoalkyl radicals comprising 1 to 4 carbon

atoms, optionally substituted with at least one hetero atom; and

halogen atoms;

- fused or non-fused aromatic or diaromatic radicals, optionally separated with an alkyl radical comprising 1 to 4 carbon atoms, the aromatic or diaromatic radicals optionally being substituted with at least one halogen atom or with at least one alkyl radical comprising 1 to 10 carbon atoms, said at least one alkyl radical optionally substituted and/or optionally interrupted with at least one entity chosen from hetero atoms and groups bearing at least one hetero atom;
- dicarbonyl radicals;
- the group X optionally bearing at least one cationic charge;

a is chosen from 0 and 1;

Y⁻, which may be identical or different, is chosen from organic and mineral anions; and

n is an integer at least equal to 2 and at most equal to the number of cationic charges present in the at least one fluorescent dye, and

(ii) at least one conditioning polymer that is insoluble in said medium, wherein the at least one conditioning polymer is chosen from polyorganosiloxanes which do not bear an amine group;

~~and wherein the composition does not comprise, as the at least one fluorescent dye, 2-[2-(4-dialkylamino)phenylethenyl]-1-alkylpyridinium in which the alkyl radical of the pyridinium nucleus is chosen from methyl and ethyl radicals, the alkyl radical of the benzene nucleus represents a methyl radical, and a counterion is a halide.~~

2. (Previously presented) A composition according to claim 1, wherein the at

least one fluorescent dye provides a reflectance maximum that is in the wavelength range from 500 to 650 nanometers.

3. (Previously presented) A composition according to claim 2, wherein the at least one fluorescent dye leads to a reflectance maximum that is in the wavelength range from 550 to 620 nanometers.

4. (Canceled).

5. (Canceled).

6. (Currently amended) A composition according to ~~claim 5~~ claim 1, wherein R_1 and R_2 , which may be identical or different, are chosen from linear or branched alkyl radicals comprising 1 to 4 carbon atoms.

7. (Currently amended) A composition according to ~~claim 5~~ claim 1, wherein R_1 and R_2 , which may be identical or different, are linked so as to form a heterocycle with the nitrogen atom and comprise at least one other hetero atom, the heterocycle being substituted with at least one linear or branched alkyl radical comprising 1 to 4 carbon atoms.

8. (Previously presented) A composition according to claim 1, wherein the at least one fluorescent dye is present in an amount ranging from 0.01% to 20% by weight relative to the total weight of the composition.

9. (Previously presented) A composition according to claim 8, wherein the at least one fluorescent dye is present in an amount ranging from 0.05% to 10% by weight relative to the total weight of the composition.

10. (Previously presented) A composition according to claim 9, wherein the at least one fluorescent dye is present in an amount ranging from 0.1% to 5% by weight

relative to the total weight of the composition.

11. (Previously presented) A composition according to claim 1, wherein the at least one insoluble conditioning polymer is chosen from silicones in the form of oils, waxes, resins, and gums.

12. (Previously presented) A composition according to claim 11, wherein the silicones are chosen from cyclic volatile silicones comprising from 3 to 7 silicon atoms, cyclocopolymers, linear volatile silicones comprising from 2 to 9 silicon atoms, non-volatile polyalkylsiloxane, polyarylsiloxane, polyalkylarylsiloxane and polyorganosiloxane silicones modified with organofunctional groups, grafted silicones comprising a polysiloxane portion and a portion comprising a non-silicone organic chain, and polydiorganosiloxane, organopolysiloxane and trimethylsiloxysilicate resins, and mixtures thereof.

13. (Previously presented) A composition according to claim 12, wherein the organofunctional groups are chosen from polyethyleneoxy and polypropyleneoxy groups optionally comprising alkyl groups, thiol groups, alkoxyated groups, hydroxylated groups, acyloxyalkyl groups, and carboxylic, sulphonate, and thiosulphate anionic groups.

14. (Previously presented) A composition according to claim 1, wherein the at least one insoluble conditioning polymer is present in an amount ranging from 0.01% to 20% by weight relative to the total weight of the composition.

15. (Previously presented) A composition according to claim 14, wherein the at least one insoluble conditioning polymer is present in an amount ranging from 0.1% to 10% by weight relative to the total weight of the composition.

16. (Previously presented) A composition according to claim 1, further comprising at least one surfactant chosen from nonionic, anionic, and amphoteric surfactants.

17. (Previously presented) A composition according to claim 16, wherein the surfactant is present in an amount ranging from 0.01% to 30% by weight relative to the total weight of the composition.

18. (Previously presented) A composition according to claim 1, further comprising at least one non-fluorescent additional direct dye chosen from nonionic, cationic, and anionic direct dyes.

19. (Previously presented) A composition according to claim 18, wherein the at least one non-fluorescent additional direct dye is chosen from nitrobenzene dyes, azo dyes, anthraquinone dyes, naphthoquinone dyes, benzoquinone dyes, phenothiazine dyes, indigoid dyes, xanthene dyes, phenanthridine dyes, phthalocyanin dyes, and triarylmethane-based dyes.

20. (Previously presented) A composition according to claim 18, wherein the at least one non-fluorescent additional direct dye is present in an amount ranging from 0.0005% to 12% by weight relative to the total weight of the composition.

21. (Previously presented) A composition according to claim 20, wherein the at least one non-fluorescent additional direct dye is present in an amount ranging from 0.005% to 6% by weight relative to the total weight of the composition.

22. (Previously presented) A composition according to claim 1, wherein the composition is in the form of a lightening dyeing shampoo.

23. (Previously presented) A composition according to claim 1, further

comprising at least one oxidation base chosen from para-phenylenediamines, bis(phenyl)alkylenediamines, para-aminophenols, ortho-aminophenols, heterocyclic bases, and the acid and alkaline addition salts thereof.

24. (Previously presented) A composition according to claim 23, wherein the at least one oxidation base is present in an amount ranging from 0.0005% to 12% by weight relative to the total weight of the composition.

25. (Previously presented) A composition according to claim 24, wherein the at least one oxidation base is present in an amount ranging from 0.005% to 6% by weight relative to the total weight of the composition.

26. (Previously presented) A composition according to claim 23, further comprising at least one coupler chosen from meta-phenylenediamines, meta-aminophenols, meta-diphenols, heterocyclic couplers, and the acid and alkaline addition salts thereof.

27. (Previously presented) A composition according to claim 26, wherein the at least one coupler is present in an amount ranging from 0.0001% to 10% by weight relative to the total weight of the composition.

28. (Previously presented) A composition according to claim 27, wherein the at least one coupler is present in an amount ranging from 0.005% to 5% by weight relative to the total weight of the composition.

29. (Previously presented) A composition according to claim 1, further comprising at least one oxidizing agent.

30. (Previously presented) A composition according to claim 29, wherein the at least one oxidizing agent is chosen from hydrogen peroxide, urea peroxide, alkali

metal bromates, persalts, and enzymes.

31. (Previously presented) A composition according to claim 30, wherein the persalts are chosen from perborates and persulphates.

32. (Previously presented) A composition according to claim 30, wherein the enzymes are chosen from peroxidases, two electron oxidoreductases, and four electron oxidoreductases.

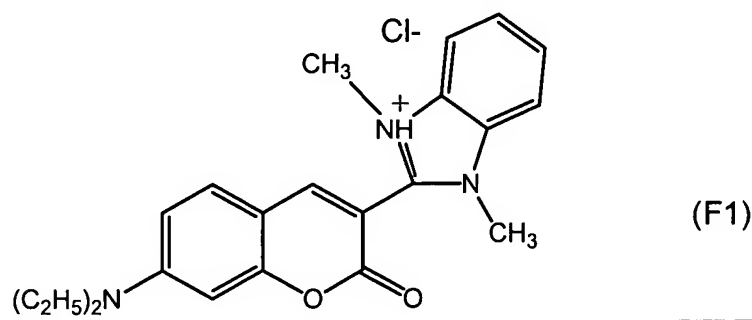
33. (Previously presented) A composition according to claim 30, wherein the at least one oxidizing agent is hydrogen peroxide.

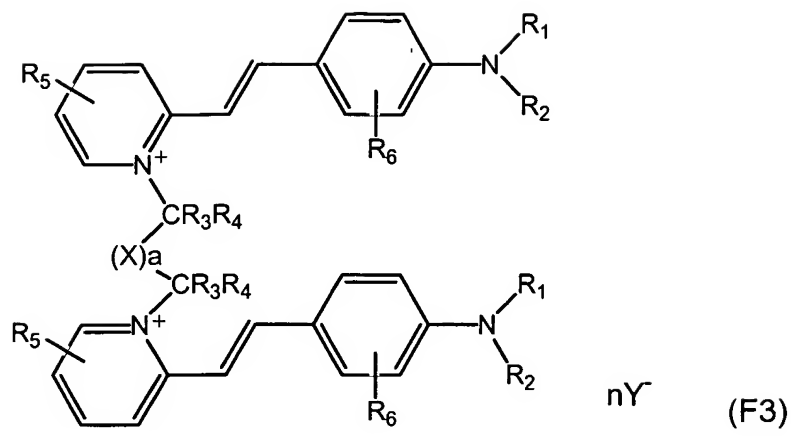
34. (Previously presented) A composition according to claim 1, wherein the at least one fluorescent dye compound is a dye in the orange range.

35. (Currently amended) A process for dyeing human keratin fibers with a lightening effect, comprising:

a) applying a dye composition comprising, in a cosmetically acceptable medium,

(i) at least one fluorescent dye that is soluble in said medium chosen from the following formulae





in which: _____

R₁ and R₂, which may be identical or different, are chosen from:

- hydrogen atoms;
- linear and branched alkyl radicals comprising 1 to 10 carbon atoms,
wherein said alkyl radicals are optionally interrupted with at least one
entity chosen from hetero atoms and groups comprising at least one
hetero atom and optionally substituted with at least one entity chosen from
hetero atoms, groups comprising at least one hetero atom, and halogen
atoms;
- aryl and arylalkyl radicals, the aryl groups comprising 6 carbon atoms and
the alkyl groups comprising 1 to 4 carbon atoms; the aryl groups optionally
being substituted with at least one linear or branched alkyl radical
comprising 1 to 4 carbon atoms and optionally interrupted with at least one
entity chosen from hetero atoms and groups comprising at least one
hetero atom and optionally substituted with at least one entity chosen from
hetero atoms, groups comprising at least one hetero atom, and halogen
atoms;

- R₁ and R₂ may optionally be linked so as to form a heterocycle with the nitrogen atom and may comprise at least one other hetero atom, the heterocycle optionally being substituted with at least one linear or branched alkyl radical, optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;
- R₁ or R₂ may optionally form a heterocycle comprising the nitrogen atom and one of the carbon atoms of the phenyl group bearing the said nitrogen atom;

R₃ and R₄, which may be identical or different, are chosen from hydrogen atoms and alkyl radicals comprising 1 to 4 carbon atoms;

R₅, which may be identical or different, is chosen from hydrogen atoms, halogen atoms, and linear and branched alkyl radicals comprising 1 to 4 carbon atoms, optionally interrupted with at least one hetero atom;

R₆, which may be identical or different, is chosen from hydrogen atoms; halogen atoms; linear and branched alkyl radicals comprising 1 to 4 carbon atoms, optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;

X is chosen from:

- linear and branched alkyl radicals comprising 1 to 14 carbon atoms and alkenyl radicals comprising 2 to 14 carbon atoms, wherein said alkyl

radicals and said alkenyl radicals are optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;

- 5- or 6-membered heterocyclic radicals optionally substituted with at least one of

linear or branched alkyl radicals comprising 1 to 14 carbon atoms, optionally substituted with at least one hetero atom;

linear or branched aminoalkyl radicals comprising 1 to 4 carbon atoms, optionally substituted with at least one hetero atom; and

halogen atoms;

- fused or non-fused aromatic or diaromatic radicals, optionally separated with an alkyl radical comprising 1 to 4 carbon atoms, the aromatic or diaromatic radicals optionally being substituted with at least one halogen atom or with at least one alkyl radical comprising 1 to 10 carbon atoms, said at least one alkyl radical optionally substituted and/or optionally interrupted with at least one entity chosen from hetero atoms and groups bearing at least one hetero atom;

- dicarbonyl radicals;

- the group X optionally bearing at least one cationic charge;

a is chosen from 0 and 1;

Y, which may be identical or different, is chosen from organic and mineral anions; and

n is an integer at least equal to 2 and at most equal to the number of cationic charges present in the at least one fluorescent dye, and

(ii)____at least one conditioning polymer that is insoluble in said medium, wherein the at least one conditioning polymer is chosen from polyorganosiloxanes which do not bear an amine group;

and wherein the composition does not comprise, as the at least one fluorescent dye, 2-[2-(4-dialkylamino)phenylethenyl]-1-alkylpyridinium in which the alkyl radical of the pyridinium nucleus is chosen from methyl and ethyl radicals, the alkyl radical of the benzene nucleus represents a methyl radical, and a counterion is a halide to the said fibers, for a time that is sufficient to develop a desired coloration and

lightening;

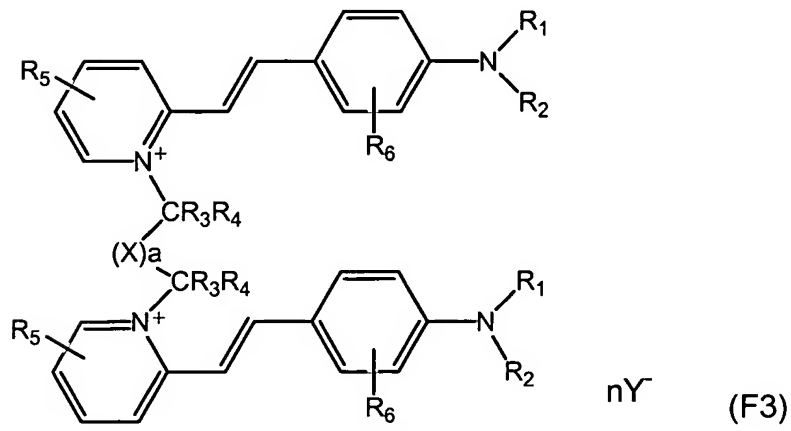
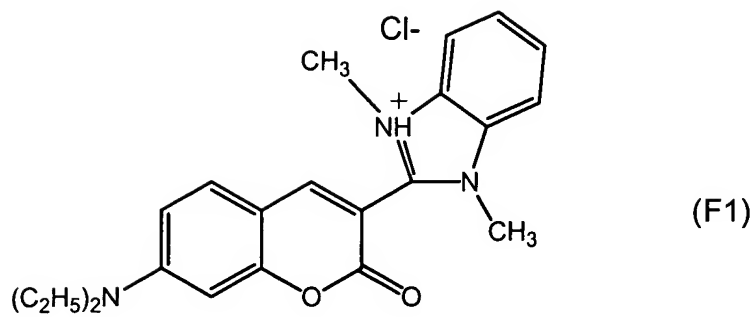
- b) optionally rinsing the fibers;
- c) optionally washing the fibers with shampoo and optionally rinsing the fibers; and
- d) drying the fibers or leaving the fibers to dry.

36. (Currently amended) A process for dyeing human keratin fibers with a lightening effect comprising

a) separately storing,

(i) a dye composition comprising, in a cosmetically acceptable medium,

(a)____at least one fluorescent dye that is soluble in said medium
chosen from the following formulae



in which: _____

R₁ and R₂, which may be identical or different, are chosen from:

- hydrogen atoms;
- linear and branched alkyl radicals comprising 1 to 10 carbon atoms,
wherein said alkyl radicals are optionally interrupted with at least one
entity chosen from hetero atoms and groups comprising at least one
hetero atom and optionally substituted with at least one entity chosen from
hetero atoms, groups comprising at least one hetero atom, and halogen
atoms;
- aryl and arylalkyl radicals, the aryl groups comprising 6 carbon atoms and
the alkyl groups comprising 1 to 4 carbon atoms; the aryl groups optionally
being substituted with at least one linear or branched alkyl radical

comprising 1 to 4 carbon atoms and optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;

- R₁ and R₂ may optionally be linked so as to form a heterocycle with the nitrogen atom and may comprise at least one other hetero atom, the heterocycle optionally being substituted with at least one linear or branched alkyl radical, optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;
- R₁ or R₂ may optionally form a heterocycle comprising the nitrogen atom and one of the carbon atoms of the phenyl group bearing the said nitrogen atom;

R₃ and R₄, which may be identical or different, are chosen from hydrogen atoms and alkyl radicals comprising 1 to 4 carbon atoms;

R₅, which may be identical or different, is chosen from hydrogen atoms, halogen atoms, and linear and branched alkyl radicals comprising 1 to 4 carbon atoms, optionally interrupted with at least one hetero atom;

R₆, which may be identical or different, is chosen from hydrogen atoms; halogen atoms; linear and branched alkyl radicals comprising 1 to 4 carbon atoms, optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one

hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;

X is chosen from:

- linear and branched alkyl radicals comprising 1 to 14 carbon atoms and alkenyl radicals comprising 2 to 14 carbon atoms, wherein said alkyl radicals and said alkenyl radicals are optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;
- 5- or 6-membered heterocyclic radicals optionally substituted with at least one of
linear or branched alkyl radicals comprising 1 to 14 carbon atoms, optionally substituted with at least one hetero atom;
linear or branched aminoalkyl radicals comprising 1 to 4 carbon atoms, optionally substituted with at least one hetero atom; and
halogen atoms;
- fused or non-fused aromatic or diaromatic radicals, optionally separated with an alkyl radical comprising 1 to 4 carbon atoms, the aromatic or diaromatic radicals optionally being substituted with at least one halogen atom or with at least one alkyl radical comprising 1 to 10 carbon atoms, said at least one alkyl radical optionally substituted and/or optionally interrupted with at least one entity chosen from hetero atoms and groups

bearing at least one hetero atom;

- dicarbonyl radicals;
- the group X optionally bearing at least one cationic charge;

a is chosen from 0 and 1;

Y, which may be identical or different, is chosen from organic and mineral anions; and

n is an integer at least equal to 2 and at most equal to the number of cationic charges present in the at least one fluorescent dye, and

(b) at least one conditioning polymer that is insoluble in said medium, wherein the at least one conditioning polymer is chosen from polyorganosiloxanes which do not bear an amine group;

and wherein the composition does not comprise, as the at least one fluorescent dye, 2-[2-(4-dialkylamino)phenylethenyl]-1-alkylpyridinium in which the alkyl radical of the pyridinium nucleus is chosen from methyl and ethyl radicals, the alkyl radical of the benzene nucleus represents a methyl radical, and a counterion is a halide

(ii) a composition comprising, in a cosmetically acceptable medium, at least one oxidizing agent,

- b) mixing (i) and (ii) together at the time of use,
 - c) applying this mixture to the fibers for a time that is sufficient to develop a desired coloration,
 - d) optionally rinsing said fibers
 - e) optionally washing said fibers with shampoo and optionally rinsing said fibers,
- and
- f) drying said fibers or leaving said fibers to dry.

37. (Previously presented) A process according to claim 35, wherein the composition is applied to hair with a tone height of less than or equal to 6.

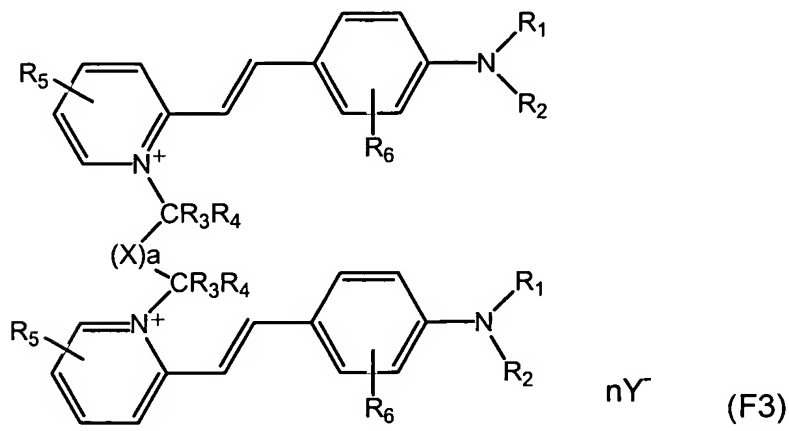
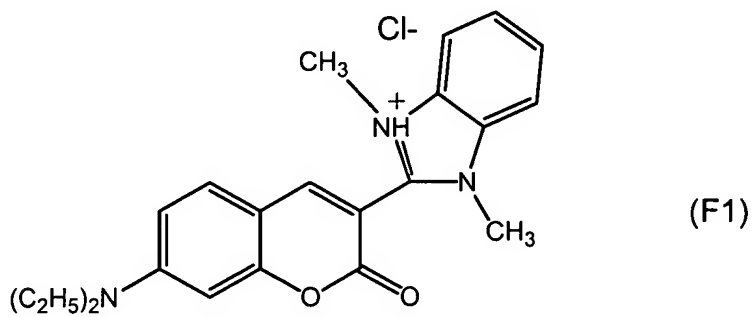
38. (Previously presented) A process according to claim 37, wherein the composition is applied to hair with a tone height of less than or equal to 4.

39. (Previously presented) A process according to claim 35, wherein the human keratin fibers are artificially colored and/or pigmented.

40. (Currently amended) A process for coloring dark skin with a lightening effect, comprising

- applying to the skin a composition comprising, in a cosmetically acceptable medium,

(i) at least one fluorescent dye that is soluble in said medium chosen from the following formulae



in which: _____

R₁ and R₂, which may be identical or different, are chosen from:

- hydrogen atoms;
- linear and branched alkyl radicals comprising 1 to 10 carbon atoms,
wherein said alkyl radicals are optionally interrupted with at least one
entity chosen from hetero atoms and groups comprising at least one
hetero atom and optionally substituted with at least one entity chosen from
hetero atoms, groups comprising at least one hetero atom, and halogen
atoms;
- aryl and arylalkyl radicals, the aryl groups comprising 6 carbon atoms and
the alkyl groups comprising 1 to 4 carbon atoms; the aryl groups optionally
being substituted with at least one linear or branched alkyl radical
comprising 1 to 4 carbon atoms and optionally interrupted with at least one
entity chosen from hetero atoms and groups comprising at least one
hetero atom and optionally substituted with at least one entity chosen from
hetero atoms, groups comprising at least one hetero atom, and halogen
atoms;
- R₁ and R₂ may optionally be linked so as to form a heterocycle with the
nitrogen atom and may comprise at least one other hetero atom, the
heterocycle optionally being substituted with at least one linear or
branched alkyl radical, optionally interrupted with at least one entity
chosen from hetero atoms and groups comprising at least one hetero
atom and optionally substituted with at least one entity chosen from hetero

atoms, groups comprising at least one hetero atom, and halogen atoms;

- R₁ or R₂ may optionally form a heterocycle comprising the nitrogen atom and one of the carbon atoms of the phenyl group bearing the said nitrogen atom;

R₃ and R₄, which may be identical or different, are chosen from hydrogen atoms and alkyl radicals comprising 1 to 4 carbon atoms;

R₅, which may be identical or different, is chosen from hydrogen atoms, halogen atoms, and linear and branched alkyl radicals comprising 1 to 4 carbon atoms, optionally interrupted with at least one hetero atom;

R₆, which may be identical or different, is chosen from hydrogen atoms; halogen atoms; linear and branched alkyl radicals comprising 1 to 4 carbon atoms, optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;

X is chosen from:

- linear and branched alkyl radicals comprising 1 to 14 carbon atoms and alkenyl radicals comprising 2 to 14 carbon atoms, wherein said alkyl radicals and said alkenyl radicals are optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;
- 5- or 6-membered heterocyclic radicals optionally substituted with at least

one of

linear or branched alkyl radicals comprising 1 to 14 carbon atoms,

optionally substituted with at least one hetero atom;

linear or branched aminoalkyl radicals comprising 1 to 4 carbon

atoms, optionally substituted with at least one hetero atom; and

halogen atoms;

- fused or non-fused aromatic or diaromatic radicals, optionally separated
with an alkyl radical comprising 1 to 4 carbon atoms, the aromatic or
diaromatic radicals optionally being substituted with at least one halogen
atom or with at least one alkyl radical comprising 1 to 10 carbon atoms,
said at least one alkyl radical optionally substituted and/or optionally
interrupted with at least one entity chosen from hetero atoms and groups
bearing at least one hetero atom;
- dicarbonyl radicals;
- the group X optionally bearing at least one cationic charge;

a is chosen from 0 and 1;

Y⁻, which may be identical or different, is chosen from organic and mineral anions; and

n is an integer at least equal to 2 and at most equal to the number of cationic charges
present in the at least one fluorescent dye, and

(ii) at least one conditioning polymer that is insoluble in said medium,

wherein the at least one conditioning polymer is chosen from polyorganosiloxanes
which do not bear an amine group;

and wherein the composition does not comprise, as the at least one

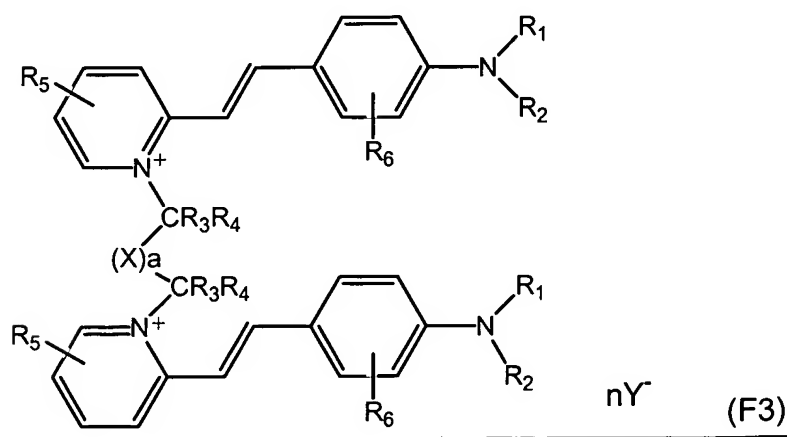
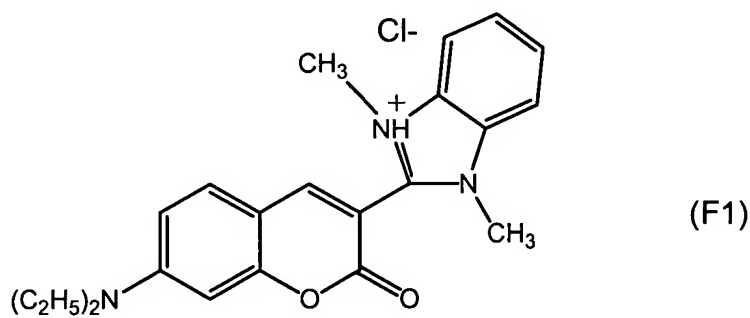
fluorescent dye, 2-[2-(4-dialkylamino)phenylethenyl]-1-alkylpyridinium in which the alkyl radical of the pyridinium nucleus is chosen from methyl and ethyl radicals, the alkyl radical of the benzene nucleus represents a methyl radical, and a counterion is a halide; and

- drying the skin or leaving the skin to dry.

41. (Currently amended) A multi-compartment device for dyeing and/or lightening keratin fibers, comprising

at least one compartment containing a composition comprising, in a cosmetically acceptable medium,

(i) at least one fluorescent dye that is soluble in said medium chosen from the following formulae



in which: _____

R₁ and R₂, which may be identical or different, are chosen from:

- hydrogen atoms;
- linear and branched alkyl radicals comprising 1 to 10 carbon atoms,
wherein said alkyl radicals are optionally interrupted with at least one
entity chosen from hetero atoms and groups comprising at least one
hetero atom and optionally substituted with at least one entity chosen from
hetero atoms, groups comprising at least one hetero atom, and halogen
atoms;
- aryl and arylalkyl radicals, the aryl groups comprising 6 carbon atoms and
the alkyl groups comprising 1 to 4 carbon atoms; the aryl groups optionally
being substituted with at least one linear or branched alkyl radical
comprising 1 to 4 carbon atoms and optionally interrupted with at least one
entity chosen from hetero atoms and groups comprising at least one
hetero atom and optionally substituted with at least one entity chosen from
hetero atoms, groups comprising at least one hetero atom, and halogen
atoms;
- R₁ and R₂ may optionally be linked so as to form a heterocycle with the
nitrogen atom and may comprise at least one other hetero atom, the
heterocycle optionally being substituted with at least one linear or
branched alkyl radical, optionally interrupted with at least one entity
chosen from hetero atoms and groups comprising at least one hetero
atom and optionally substituted with at least one entity chosen from hetero
atoms, groups comprising at least one hetero atom, and halogen atoms;

- R₁ or R₂ may optionally form a heterocycle comprising the nitrogen atom and one of the carbon atoms of the phenyl group bearing the said nitrogen atom;

R₃ and R₄, which may be identical or different, are chosen from hydrogen atoms and alkyl radicals comprising 1 to 4 carbon atoms;

R₅, which may be identical or different, is chosen from hydrogen atoms, halogen atoms, and linear and branched alkyl radicals comprising 1 to 4 carbon atoms, optionally interrupted with at least one hetero atom;

R₆, which may be identical or different, is chosen from hydrogen atoms; halogen atoms; linear and branched alkyl radicals comprising 1 to 4 carbon atoms, optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;

X is chosen from:

- linear and branched alkyl radicals comprising 1 to 14 carbon atoms and alkenyl radicals comprising 2 to 14 carbon atoms, wherein said alkyl radicals and said alkenyl radicals are optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;
- 5- or 6-membered heterocyclic radicals optionally substituted with at least one of

linear or branched alkyl radicals comprising 1 to 14 carbon atoms,
optionally substituted with at least one hetero atom;

linear or branched aminoalkyl radicals comprising 1 to 4 carbon
atoms, optionally substituted with at least one hetero atom; and

halogen atoms;

- fused or non-fused aromatic or diaromatic radicals, optionally separated
with an alkyl radical comprising 1 to 4 carbon atoms, the aromatic or
diaromatic radicals optionally being substituted with at least one halogen
atom or with at least one alkyl radical comprising 1 to 10 carbon atoms,
said at least one alkyl radical optionally substituted and/or optionally
interrupted with at least one entity chosen from hetero atoms and groups
bearing at least one hetero atom;
- dicarbonyl radicals;
- the group X optionally bearing at least one cationic charge;

a is chosen from 0 and 1;

Y, which may be identical or different, is chosen from organic and mineral anions; and

n is an integer at least equal to 2 and at most equal to the number of cationic charges
present in the at least one fluorescent dye, and

(ii) at least one conditioning polymer that is insoluble in said medium,
wherein the at least one conditioning polymer is chosen from polyorganosiloxanes
which do not bear an amine group;

and wherein the composition does not comprise, as the at least one
fluorescent dye, 2-[2-(4-dialkylamino)phenylethenyl]-1-alkylpyridinium in which the alkyl

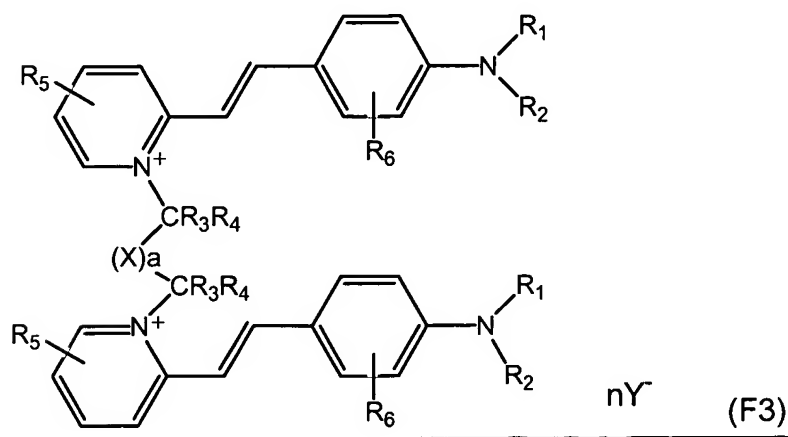
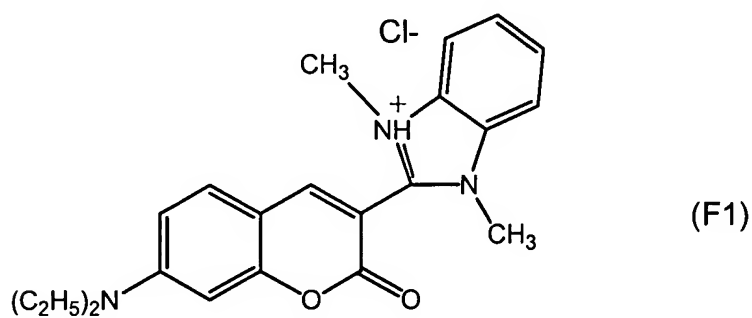
radical of the pyridinium nucleus is chosen from methyl and ethyl radicals, the alkyl radical of the benzene nucleus represents a methyl radical, and a counterion is a halide; and

at least one other compartment containing a composition comprising at least one oxidizing agent.

42. (Currently amended) A process for dyeing keratin materials with a lightening effect comprising

applying to keratin materials a dye composition comprising, in a cosmetically acceptable medium,

 (i) at least one fluorescent dye that is soluble in the said medium
chosen from the following formulae



in which: _____

R₁ and R₂, which may be identical or different, are chosen from:

- hydrogen atoms;
- linear and branched alkyl radicals comprising 1 to 10 carbon atoms,
wherein said alkyl radicals are optionally interrupted with at least one
entity chosen from hetero atoms and groups comprising at least one
hetero atom and optionally substituted with at least one entity chosen from
hetero atoms, groups comprising at least one hetero atom, and halogen
atoms;
- aryl and arylalkyl radicals, the aryl groups comprising 6 carbon atoms and
the alkyl groups comprising 1 to 4 carbon atoms; the aryl groups optionally
being substituted with at least one linear or branched alkyl radical
comprising 1 to 4 carbon atoms and optionally interrupted with at least one
entity chosen from hetero atoms and groups comprising at least one
hetero atom and optionally substituted with at least one entity chosen from
hetero atoms, groups comprising at least one hetero atom, and halogen
atoms;
- R₁ and R₂ may optionally be linked so as to form a heterocycle with the
nitrogen atom and may comprise at least one other hetero atom, the
heterocycle optionally being substituted with at least one linear or
branched alkyl radical, optionally interrupted with at least one entity
chosen from hetero atoms and groups comprising at least one hetero
atom and optionally substituted with at least one entity chosen from hetero
atoms, groups comprising at least one hetero atom, and halogen atoms;

- R₁ or R₂ may optionally form a heterocycle comprising the nitrogen atom and one of the carbon atoms of the phenyl group bearing the said nitrogen atom;

R₃ and R₄, which may be identical or different, are chosen from hydrogen atoms and alkyl radicals comprising 1 to 4 carbon atoms;

R₅, which may be identical or different, is chosen from hydrogen atoms, halogen atoms, and linear and branched alkyl radicals comprising 1 to 4 carbon atoms, optionally interrupted with at least one hetero atom;

R₆, which may be identical or different, is chosen from hydrogen atoms; halogen atoms; linear and branched alkyl radicals comprising 1 to 4 carbon atoms, optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;

X is chosen from:

- linear and branched alkyl radicals comprising 1 to 14 carbon atoms and alkenyl radicals comprising 2 to 14 carbon atoms, wherein said alkyl radicals and said alkenyl radicals are optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;
- 5- or 6-membered heterocyclic radicals optionally substituted with at least one of

linear or branched alkyl radicals comprising 1 to 14 carbon atoms,
optionally substituted with at least one hetero atom;

linear or branched aminoalkyl radicals comprising 1 to 4 carbon
atoms, optionally substituted with at least one hetero atom; and
halogen atoms;

- fused or non-fused aromatic or diaromatic radicals, optionally separated
with an alkyl radical comprising 1 to 4 carbon atoms, the aromatic or
diaromatic radicals optionally being substituted with at least one halogen
atom or with at least one alkyl radical comprising 1 to 10 carbon atoms,
said at least one alkyl radical optionally substituted and/or optionally
interrupted with at least one entity chosen from hetero atoms and groups
bearing at least one hetero atom;
- dicarbonyl radicals;
- the group X optionally bearing at least one cationic charge;

a is chosen from 0 and 1;

Y⁻, which may be identical or different, is chosen from organic and mineral anions; and

n is an integer at least equal to 2 and at most equal to the number of cationic charges
present in the at least one fluorescent dye, and

(ii) at least one conditioning polymer that is insoluble in the said medium, said
at least one conditioning polymer being chosen from polyorganosiloxanes not bearing
an amino group.

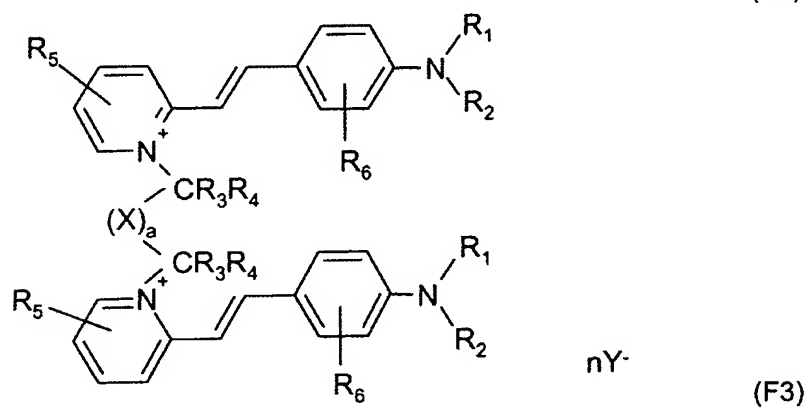
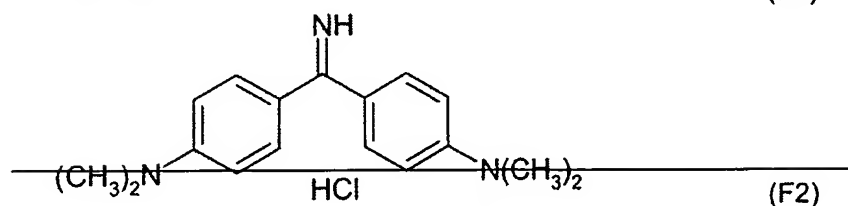
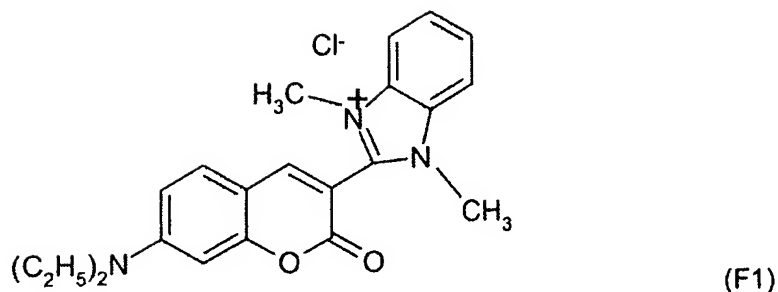
43. (Previously presented) A process according to claim 42, wherein the at
least one fluorescent dye gives a reflectance maximum that is in the wavelength range

from 500 to 650 nanometers.

44. (Previously presented) A process according to claim 43, wherein the at least one fluorescent dye gives a reflectance maximum that is in the wavelength range from 550 to 620 nanometers.

45. (Previously presented) A process according to claim 42, wherein the at least one fluorescent dye is chosen from fluorescent compounds belonging to the following families: naphthalimides; cationic coumarins; non-cationic coumarins; xanthenodiquinolizines; azaxanthenes; naphtholactams; azlactones; oxazines; thiazines; dioxazines; azo, azomethine, and methine type monocationic fluorescent dyes; azo, azomethine, and methine type polycationic fluorescent dyes; and mixtures thereof.

46. (Currently amended) A process according to claim 42, wherein ~~the at least one fluorescent dye is chosen from the group formed by the dyes having the following structures:~~



in which:

R_1 and R_2 , which may be identical or different, are chosen from:

- hydrogen atoms;
- linear and branched alkyl radicals comprising 1 to 10 carbon atoms, wherein said alkyl radicals are optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;
- aryl and arylalkyl radicals, the aryl groups comprising 6 carbon atoms and

~~the alkyl groups comprising 1 to 4 carbon atoms; the aryl groups optionally being substituted with at least one linear or branched alkyl radical comprising 1 to 4 carbon atoms wherein said at least one alkyl radical is optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;~~

- ~~• R₁ and R₂ may optionally be linked so as to form a heterocycle with the nitrogen atom and may comprise at least one other hetero atom, the heterocycle optionally being substituted with at least one linear or branched alkyl radical wherein said at least one alkyl radical is optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;~~
- ~~• R₁ or R₂ may optionally form a heterocycle comprising the nitrogen atom and one of the carbon atoms of the phenyl group bearing the said nitrogen atom;~~

~~R₃ and R₄, which may be identical or different, are chosen from hydrogen atoms and alkyl radicals comprising 1 to 4 carbon atoms;~~

~~R₅, which may be identical or different, is chosen from hydrogen atoms, halogen atoms, and linear or branched alkyl radicals comprising 1 to 4 carbon atoms, optionally interrupted with at least one hetero atom;~~

~~R₆, which may be identical or different, is chosen from hydrogen atoms; halogen atoms; linear or branched alkyl radicals comprising 1 to 4 carbon atoms, wherein said alkyl radicals are optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;~~

~~X is chosen from:~~

- ~~• linear and branched alkyl radicals comprising 1 to 14 carbon atoms and alkenyl radicals comprising 2 to 14 carbon atoms, wherein said alkyl radicals and said alkenyl radicals are optionally interrupted with at least one entity chosen from hetero atoms and groups comprising at least one hetero atom and optionally substituted with at least one entity chosen from hetero atoms, groups comprising at least one hetero atom, and halogen atoms;~~
- ~~• 5- or 6-membered heterocyclic radicals optionally substituted with at least one of~~
 - ~~linear or branched alkyl radicals comprising 1 to 14 carbon atoms, optionally substituted with at least one hetero atom;~~
 - ~~linear or branched aminoalkyl radical comprising 1 to 4 carbon atoms, optionally substituted with at least one hetero atom; and~~
 - ~~halogen atoms;~~
- ~~• fused or non-fused aromatic or diaromatic radicals, optionally separated with an alkyl radical comprising 1 to 4 carbon atoms, the aromatic or~~

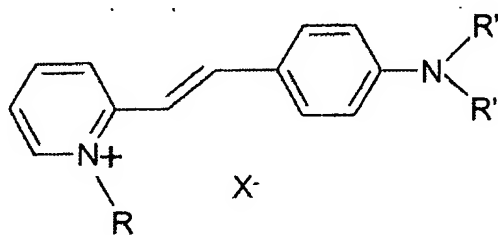
~~diaromatic radicals optionally being substituted with at least one halogen atom or with at least one alkyl radical comprising 1 to 10 carbon atoms optionally substituted and optionally interrupted with at least one entity chosen from hetero atoms and groups bearing at least one hetero atom;~~

- ~~• — dicarbonyl radicals;~~
- ~~• — the group X optionally bearing at least one cationic charge;~~

~~a is chosen from 0 and 1;~~

~~Y⁻, which may be identical or different, is chosen from organic and mineral anions; and~~

~~— n is an integer at least equal to 2 and at most equal to the number of cationic charges present in the at least one fluorescent dye:~~



(F4)

in which formula R is chosen from methyl and ethyl radicals; R' is a methyl radical and X⁻ is an anion.

47. (Currently amended) A process according to ~~claim 46~~ claim 42, wherein R₁ and R₂, which may be identical or different, are chosen from linear and branched alkyl radicals comprising 1 to 4 carbon atoms.

48. (Currently amended) A process according to ~~claim 46~~ claim 42, wherein R₁ and R₂, which may be identical or different, are linked so as to form a heterocycle with the nitrogen atom and comprise at least one other hetero atom, the heterocycle being substituted with at least one linear or branched alkyl radical comprising 1 to 4

carbon atoms.

49. (Previously presented) A process according to claim 46, wherein X^- is an anion chosen from chloride, iodide, sulphate, methasulphate, acetate, and perchlorate.

50. (Previously presented) A process according to claim 43, wherein the keratin materials are artificially colored and/or pigmented keratin fibers.

51. (Previously presented) A process according to claim 50, wherein the keratin material is hair.

52. (Previously presented) A process according to claim 50, wherein the keratin material is dark skin.

53. (Previously presented) A process according to claim 51, wherein the hair has a tone height of less than or equal to 6.

54. (Previously presented) A method according to claim 53, wherein the hair has a tone height of less than or equal to 4.